

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1-12. (Cancelled)
13. (New) A vehicle component comprising:
  - a base;
  - a door coupled to the base and configured to fold about a folding axis between an open position and a closed position;
  - a pin coupling the door to the base and having an axis of rotation offset relative to the folding axis.
14. (New) The component of Claim 13 wherein the folding axis extends at an angle relative to the folding axis.
15. (New) The vehicle component of Claim 14 wherein the angle is between approximately 5 degrees and 15 degrees.
16. (New) The component of Claim 13 wherein rotating the door between the open position and the closed position produces an elastic stress in the base and the pin.
17. (New) The component of Claim 16 wherein the elastic stress provides a restoring force that acts on the door.
18. (New) The component of Claim 17 wherein the restoring force is configured to dampen the movement of the door from the closed position to the open position and decrease the force required to move the door from the open position to the closed position.
19. (New) The vehicle component of Claim 18 wherein the restoring force is non-linear.
20. (New) The vehicle component of Claim 17 wherein the restoring force compensates for the gravitational force.

21. (New) The vehicle component of Claim 13 wherein the pin is cylindrical.
22. (New) The vehicle component of Claim 21 wherein the pin is a tube.
23. (New) The vehicle component of Claim 13 further comprising a sleeve disposed in the base and configured to receive and support the pin.
24. (New) The component of Claim 13 wherein the pin comprises a pair of outwardly extending pins.
25. (New) The component of Claim 24 wherein the pins are arranged symmetrically about a plane perpendicular to the folding axis.
26. (New) A glove compartment assembly comprising:
  - a base having a pair of seating mounts;
  - a door coupled to the base and configured to fold about a folding axis between an open position and a closed position, the door comprising a pair of pins that engage the seating mounts, each having an axis of rotation offset relative to the folding axis.
27. (New) The component of Claim 26 wherein rotating the door between the open position and the closed position produces an elastic stress in the base and the pin that provides a non-linear restoring force that acts on the door.
28. (New) The component of Claim 27 wherein the restoring force is configured to dampen the movement of the door from the closed position to the open position and decrease the force required to move the door from the open position to the closed position.
29. (New) The component of Claim 26 wherein the pins are arranged symmetrically about a plane perpendicular to the folding axis.

30 (New) A vehicle cockpit comprising:  
a base having a pair of seating mounts;  
a door coupled to the base and configured to fold about a folding axis between an open position and a closed position, the door comprising a pair of pins that engage the seating mounts;  
wherein each of the pins have an axis of rotation disposed at an angle relative to the folding axis.

31. (New) The vehicle component of Claim 30 wherein the angle is between approximately 5 degrees and 15 degrees.

32. (New) The component of Claim 30 wherein rotation of the door between the open position and the closed position produces an elastic stress in the base and the pin.